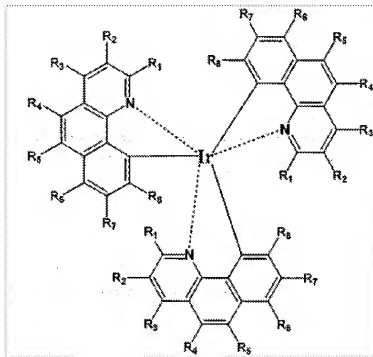


Basic Patent Number **KR 2002076545 A**Patent Assignee **LG ELECTRONICS INC (GLDS-C)**Derwent Title **Iridium complex and organic electroluminescent element containing the same**Title Terms **IRIDIUM COMPLEX ORGANIC ELECTROLUMINESCENT ELEMENT CONTAIN**Novelty **KR-2002076545-A:**

Provided are an iridium complex having a benzoquinoline ligand and an organic electroluminescent element containing the iridium complex, which improves stability and has excellent luminescent efficiency.

Detailed Description The iridium complex has the benzoquinoline ligand represented by the formula 1, wherein R1-R8 are identically or differently hydrogen, substituted or unsubstituted C1-C18 alkyl, substituted or unsubstituted C6-C18 aryl, C3-C18 cycloalkyl, aromatic heterocycle, halogen, nitro, cyano, formyl, carboxy, ester, amide, vinyl, substituted vinyl, substituted or unsubstituted acetylene, and etc. And the organic electroluminescent element contains a luminescent layer containing the iridium complex.

Main Drawing **KR-2002076545 A**

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Patent Information KR 2002076545 A 2002-10-11 C09K011-06 200343 BASIC
KR 686109 B1 2007-02-23 200850 EQUIV

IPC **C09K011-06**
C09K011-06

Derwent Classes E12

Manual Codes **CMC E05-N**

Application Information KR 2002076545 A KR2001-000016470 2001-03-29
KR 686109 B1 KR2001-000016470 2001-03-29

Priority Information KR2001-000016470 2001-03-29

PAN 2003-455013